

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-16,023

SERIAL NO.

09/751,407



APPLICANT(S)

S. Scott FRIDERICH et al.

FILING DATE

28 December 2000

GROUP

1773-1771

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	AA	4,720,415	01/1988	Vander Wielen et al.	428	152	
J	AB	4,965,122	10/1990	Morman	442	328	
J	AC	4,981,474	01/1991	Bopp et al.	604	133	
J	AD	5,114,781	05/1992	Morman	428	198	
J	AE	5,910,224	06/1999	Morman	152	RECEIVED	198
	AF						
	AG						APR 11 2001
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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EXAMINER

*John Garroello*

DATE CONSIDERED

*8/2002*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.2/14

FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. KCC-16,023	SERIAL NO. 09/751,407
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT(S) S. Scott FRIDERICH et al.	
 APR 02 2001		FILING DATE 28 December 2000	GROUP <i>1775 1771</i>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>J</i>	AA	3,338,992	08/1967	Kinney	264	441	
<i>J</i>	AB	3,341,394	09/1967	Kinney	442	366	
<i>J</i>	AC	3,502,538	03/1970	Petersen	428	359	
<i>J</i>	AD	3,502,763	03/1970	Hartmann	264	555	
<i>J</i>	AE	3,542,615	11/1970	Dobo et al.	156	181	
<i>J</i>	AF	3,692,618	09/1972	Dorschner et al.	442	401	
<i>J</i>	AG	3,802,817	04/1974	Matsuki et al.	425	66	
<i>J</i>	AH	3,849,241	11/1974	Butin et al.	428	137	
<i>J</i>	AI	4,340,563	07/1982	Appel et al.	264	518	
<i>J</i>	AJ	5,385,775	01/1995	Wright	442	183	
<i>J</i>	AK	6,001,303	12/1999	Haynes et al.	264	555	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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EXAMINER	<i>T. Juan Guanillo</i>	DATE CONSIDERED	<i>8/2/2002</i>
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USCOMM-DC 80-3985

P1005.1/14

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				KCC-16,023		09/751,407	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		#5		APPLICANT(S) S. Scott FRIDERICH et al.			
		O P E J C I P A R T E N T & T R A D E M A R K O F F I C E APR 02 2001		FILING DATE 28 December 2000		GROUP 1772 1771	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,057,024	05/2000	Mleziva et al.	428	114	
	AB	3,985,599	10/1976	Lepoutre et al.	156	164	
	AC	4,346,142	08/1982	Lazear	428	315,7	
	AD	4,477,506	10/1984	Wang	428	172	
	AE	4,484,971	11/1984	Wang	156	244,14	
	AF	5,236,430	08/1993	Bridges	604	396	
	AG	5,335,675	08/1994	Wheeler, deceased et al.	128	842	
	AH	5,393,599	02/1995	Quantrille et al.	442	57	
	AI	5,419,795	05/1995	Wood et al.	156	184	
	AJ	5,589,520	12/1996	Merz et al.	521	64	
	AK	5,614,297	03/1997	Velazquez	428	212	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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EXAMINER	<i>John Guaricello</i>			DATE CONSIDERED 8/2002			
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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT(S) S. Scott FRIDERICH et al.	
		FILING DATE 28 December 2000	GROUP 1772 1771



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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P	AA	5,635,290	06/1997	Stopper et al.	428	198	
Q	AB	5,690,627	11/1997	Clear et al.	604	385,29	
	AC	5,733,822	03/1998	Gessner et al.	442	35	
	AD	5,804,286	09/1998	Quantrille et al.	428	198	
	AE	5,861,442	01/1999	Merz et al.	521	44	
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EXAMINER

John Guarrerro

DATE CONSIDERED

8/2002

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USCOMM-DC 80-3985

P1005.1/14

KCC-1132

FORM PTO-1449  
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ATTY. DOCKET NO.

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(Use several sheets if necessary)

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APPLICANT(S)

S. Scott FRIDERICH et al.

FILING DATE

28 December 2000

GROUP

1771

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	AA	4,300,562	11/1981	Pieniak	604	385,26	
	AB						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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J	AL	WO 95/34264	12/1995	PCT	—	—		
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EXAMINER

John Guarriello

DATE CONSIDERED

3/2003

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USCOMM-DC 80-3985

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KCC-1132